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DATE:

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TO:

Examiner Sonya N. Wright

FIRM:

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LOCATION:

Washington DC

NUMBER:

1-703-308-7922

FROM:

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3

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UNOFFICIAL

AstraZeneca Docket No. A2090-1P US

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Application of:

Loch III, et al.

Application Number:

09/529,654

Filed:

Novel Arylkyl Amines of Sprofuropyridines

For:

Useful in Therapy

Group Art Unit: 1626 Examiner: Wright, Sonya N.

Assistant Commissioner for Patents

Washington, DC 20231

INFORMAL SUBMISSION

I have discussed your concerns with the inventors of this application and Claim 1 Dear Examiner Wright: amended with proviso indicated below would be acceptable.

1.(Amended) A compound of formula I,

wherein

NRR₁ is attached at the 5- or 6-position of the furopyridine ring;

R is hydrogen, C₁-C₄ alkyl, or COR₂;

 R_1 is $(CH_2)_n\Lambda r$, $CH_2CH=CHAr$, or $CH_2C=CAr$;

n is 0 to 3;

A is N or NO;

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Ar is a 5- or 6-membered aromatic or heteroaromatic ring which contains zero to four nitrogen atoms, zero to one oxygen atoms, and zero to one sulfur atoms; or:

an 8-, 9- or 10-membered fused aromatic or heteroaromatic ring system containing zero to four nitrogen atoms, zero to one oxygen atoms, and zero to one sulfur atoms; any of which may optionally be substituted with one to two substitutents independently selected from: halogen, trifluoromethyl, or C_1 - C_4 alkyl;

 R_2 is hydrogen, C_1 - C_4 alkyl; C_1 - C_4 alkoxy; or phenyl ring optionally substituted with one to three of the following substituents: halogen, C_1 - C_4 alkyl, C_2 - C_4 alkenyl, C_2 - C_4 alkynyl, OH, OC_1 - C_4 alkyl, CO_2R_5 , -CN, $-NO_2$, $-NR_3R_4$, or $-CF_3$;

 R_3 , R_4 and R_5 are independently hydrogen; C_1 - C_4 alkyl; or phenyl ring optionally substituted with one to three of the following substituents: halogen, C_1 - C_4 alkyl, C_2 - C_4 alkenyl, C_2 - C_4 alkynyl, OH, OC_1 - C_4 alkyl, -CN; $-NO_2$, or $-CF_3$; with the proviso that when R is hydrogen, R^1 is not phenyl or CH_2 -phenyl; or an enantiomer thereof, and pharmaceutically acceptable salts thereof.

Dated: November 4, 2002

Respectfully submitted,

Kenneth F. Mitchell, Ph.D. Attorney for Applicants

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